

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **07240349 A**

(43) Date of publication of application: **12 . 09 . 95**

(51) Int. Cl.

H01G 9/035

(21) Application number: **06053016**

(22) Date of filing: **25 . 02 . 94**

(71) Applicant: **MARCON ELECTRON CO LTD**

(72) Inventor:
YUZAWA SATOSHI
TANNO SHUICHI
ENDO KAZUYOSHI

(54) **ELECTROLYTE FOR ELECTROLYTIC
CAPACITOR DRIVE**

(57) Abstract:

PURPOSE: To remove main causes, which cause the deterioration of the characteristics of a capacitor, by a method wherein a specified amount of an alkoxysilane is added to an electrolyte for electrolytic capacitor drive obtainable by dissolving an organic dicarboxylic acid or its salt in a mixed solvent consisting of an ethylene glycol and water.

CONSTITUTION: 0.1 to 2wt.% of one kind of an

alkoxysilane or more than two kinds of alkoxysilanes selected from among, a trimethylethoxysilane, a methylvinyl-diethoxysilane, a dimethyldiethoxysilane and a phenyltrimethoxysilane is added to an electrolyte for electrolytic capacitor drive obtainable by dissolving an organic dicarboxylic acid or its salt in a mixed solvent consisting of an ethylene glycol and water. Thereby, main causes, which cause the deterioration of the characteristics of a capacitor, can be removed and an electrolytic capacitor, which is superior extending over a long period of time, can be obtained.

COPYRIGHT: (C)1995,JPO